

As a below named inventor, I hereby declare
that:

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled VOICE-DATA TELEPHONIC INTERFACE CONTROL SYSTEM, the specification of which is attached hereto.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37,

<u>481,403</u>	<u>February 20, 1990</u>	<u>Pending</u>
Application Serial No.	Filing Date	Status
<u>312,792</u>	<u>February 21, 1989</u>	<u>Pending</u>
Application Serial No.	Filing Date	Status
<u>4,845,739</u>	<u>July 4, 1989</u>	
Patent No.	Issued	
<u>4,792,968</u>	<u>December 20, 1988</u>	
Patent No.	Issued	
<u>753,299</u>	<u>July 10, 1985</u>	<u>Abandoned</u>
Application Serial No.	Filing Date	Status

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Wherefore I pray that Letters Patent be granted to me for the invention or discovery described and claimed in the foregoing specification and claims,

Full name of sole or first inventor: Ronald A. Katz

Date: 3-18-91

Citizenship: U.S.A.

Citizenship: U.S.A.
Post Office Address: 570 South Mapleton Drive
Los Angeles, California 90024

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ronald A. Katz)
Serial No.: 08/306,456) Examiner: S. Woo
Filed: September 14, 1994) Art Unit: 2608
For: VOICE-DATA TELEPHONIC)
INTERFACE CONTROL SYSTEM)
New Docket No.: 6646-114N5)
(Previous Docket No.: 4646-114N5))

POWER OF ATTORNEY BY ASSIGNEE

Commissioner of Patents
and Trademarks
Washington, D. C. 20231

Sir:

I, Ronald A. Katz, am the President of A2D Corporation, a California corporation, which corporation is a general partner of A2D, L.P., a California limited partnership, which limited partnership is a general partner of RONALD A. KATZ TECHNOLOGY LICENSING, L.P., a California limited partnership and assignee of the entire right, title and interest in the application for - United States Letters Patent entitled VOICE-DATA TELEPHONIC INTERFACE CONTROL SYSTEM, and am authorized to sign on its behalf.

The Assignment of this application to RONALD A. KATZ TECHNOLOGY LICENSING, L.P., has been submitted to the Assignment Branch and was received on September 26, 1994.

I have reviewed the foregoing document and hereby certify that, to the best of my knowledge and belief, title to the

subject matter of this patent application is in RONALD A. KATZ
TECHNOLOGY LICENSING, L.P.

I hereby appoint: Byard G. Nilsson, Reg. No. 17,350, Harold
E. Wurst, Reg. No. 22,183, Robert A. Green, Reg. No. 28,301, Anne
Wang, Reg. No. 36,045, all members of the bar of one or more
states, Reena Kuyper, Patent Agent, Reg. No. 33,830, all of the
law firm of Nilsson, Wurst & Green, 707 Wilshire Blvd., 32nd
Floor, Los Angeles, California 90017; and Thomas J. Lannon,
Registration No. 18,417, 105 Whittier St., NW, Washington, DC
20012, to prosecute this application and to transact all business
in the United States Patent and Trademark Office in connection
therewith.

Please send all correspondence to:

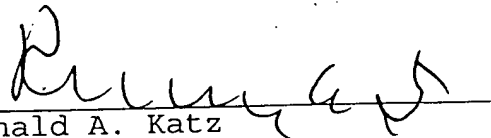
NILSSON, WURST & GREEN
707 Wilshire Blvd., 32nd Floor
Los Angeles, California 90017
U.S.A.

Telephone (213) 243-8000

RONALD A. KATZ TECHNOLOGY
LICENSING, L.P., a California limited
partnership,

By: A2D, L.P., a California limited
partnership, its general partner

By: A2D Corporation, a California
corporation, its general partner

By: 
Ronald A. Katz
President,
A2D Corporation

Attorney Docket No. 6646-114N5

6646\114N5.poa

POWER OF ATTORNEY BY ASSIGNEE

Commissioner of Patents
and Trademarks
Washington, D. C. 20231

Sir:

I, Aldo Tesi, Executive Vice President of FIRST DATA RESOURCES INC., a corporation of the State of Delaware and assignee of the entire right, title and interest in the application for United States Letters Patent entitled VOICE-DATA TELEPHONIC INTERFACE CONTROL SYSTEM and executed March 18, 1991, with inventor Ronald A. Katz, hereby appoint:

<u>Attorney</u>	<u>Registration No.</u>
Byard G. Nilsson	17,350
Billy A. Robbins	18,313
Lewis M. Dalgarn	20,415
Robert Berliner	20,121
M. John Carson	25,090
Harold E. Wurst	22,183
Michael S. Elkind	28,710
Gregory B. Wood	28,133
Robert A. Green	28,301
Mark E. Garscia	31,953
John P. Spitals	29,215
Jeffrey F. Craft	30,044
Georgann S. Grunebach	33,179
Reena Kuyper	33,830

all attorneys and/or registered patent agents of the law firm of Nilsson, Robbins, Dalgarn, Berliner, Carson & Wurst, Fifth Floor, 201 North Figueroa Street, Los Angeles, California 90012-2628, as attorneys of said corporation with full powers of substitution and revocation to prosecute this appli-cation and to transact all business in the United States Patent and Trademark Office in connection therewith.

FOOTNOTES: SEE 044

Please send all correspondence to:

B. G. Nilsson
NILSSON, ROBBINS, DALGARN,
BERLINER, CARSON & WURST
201 North Figueroa Street, Fifth Floor
Los Angeles, California 90012-2628
U.S.A.

Telephone (213) 977-1001

FIRST DATA RESOURCES INC.

By: Aldo Tesi
Aldo Tesi
Executive Vice President

Attorney Docket No. 4646-114C3

402440-977-1001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Group Art Unit: 2743
)
Ronald A. Katz) Examiner: S. Woo
)
Serial No. 08/306,456)
)
Filed: September 14, 1994)
)
For: **VOICE-DATA TELEPHONIC INTERFACE**)
CONTROL SYSTEM)
)
Dkt. No.: 228/046)
(previous dkt. no. 6646-114N5))
)

REVOCATION AND GRANT OF POWER OF ATTORNEY

Commissioner for Patents
Washington, D.C. 20231

Sir:

All powers of attorney granted before to all the attorneys and representatives of Lyon & Lyon, except for Reena Kuyper, Reg. No. 33,830 (registered patent agent) are revoked.

I, Ronald A. Katz, am the president of A2D Corporation, a California corporation, which corporation is a general partner of A2D, L.P., a California limited partnership, which limited partnership is a general partner of RONALD A. KATZ TECHNOLOGY LICENSING, L.P., a California limited partnership, the assignee owning all of the interest in this application, and by virtue of the foregoing relationships, I execute this document on its behalf to appoint as its attorneys and representatives, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected with it, Reena Kuyper, Reg. No. 33,830 (registered patent agent), previously with

2025 SEP 14 10 40 AM '94

Lyon & Lyon; and Byard G. Nilsson, Reg. No. 17,350; both now with A2D, L.P., which limited partnership is a general partner of RONALD A. KATZ TECHNOLOGY LICENSING, L.P., both entities located at 9220 Sunset Boulevard, Suite 315, Los Angeles, California 90069, telephone: (310) 247-8191.

The Assignment of this application to RONALD A. KATZ TECHNOLOGY LICENSING, L.P., was recorded on September 26, 1994, on Reel 7133, Frames 90-100.

Also, I have reviewed the assignment documents and hereby certify that, to the best of my knowledge and belief, title to the subject matter of this application is with RONALD A.

KATZ TECHNOLOGY LICENSING, L.P.

Date:

2/9/01

By:


RONALD A. KATZ

Chief Executive of
A2D, Corporation, a California Corporation,
Said A2D, Corporation, general partner of,
A2D, L.P., a California Limited Partnership, Said A2D,
L.P., general partner of,
Ronald A. Katz Technology Licensing, L.P., a
California Limited Partnership

New Address:
RONALD A. KATZ TECHNOLOGY LICENSING, L.P.
9220 Sunset Blvd., Suite 315
Los Angeles, CA 90069
Telephone: (310) 247-8191

A S S I G N M E N T

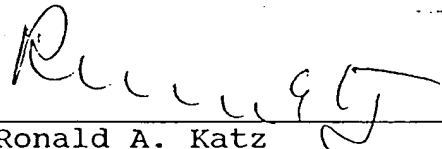
WHEREAS, I, RONALD A. KATZ, residing at 570 South Mapleton Drive, Los Angeles, California 90024, have invented a new and useful VOICE-DATA TELEPHONIC INTERFACE CONTROL SYSTEM for which I have this day executed application papers for United States Letters Patent thereon, said application being identified as Docket No. 4646-114C3 of the law firm of Nilsson, Robbins, Dalgarn, Berliner, Carson & Wurst; and

WHEREAS, FIRST DATA RESOURCES INC., a Delaware corporation, having its principal place of business at 10825 Farnum Drive, Omaha, Nebraska 68154, is desirous of acquiring the entire and exclusive right, title and interest in and to the said invention in the United States and throughout the world, and in and to any Letters Patent which may be granted and issued therefor;

NOW, THEREFORE, for the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I the said RONALD A. KATZ, by these presents do hereby sell, assign, transfer and set over unto the said FIRST DATA RESOURCES INC., its successors and assigns, the entire and exclusive right, title and interest in and to said invention, in the United States and throughout the world, and in and to any Letters Patent which may be granted and issued therefor, and in and to any continuations, divisions, reissues and extensions of said Letters Patent and all interna-

tional priority rights associated therewith; and I further agree to sign all papers and perform all acts, without any further consideration but at no cost or expense to me, as said FIRST DATA RESOURCES INC. may deem necessary to make this Assignment fully effective, including the execution of any and all original, reissue, divisional and continuing United States and foreign patent applications.

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue the said United States Letters Patent to said FIRST DATA RESOURCES INC., its successors and assigns.



Ronald A. Katz

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On this 18 day of March, 1991, before me, a Notary Public, personally appeared RONALD A. KATZ, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.



Notary Public



[illegible]

REEL 133 FRAME 95

Patent No.	Title	Issued	Attorney Docket
4,071,698	Telephone system for Audio Demonstration and Marketing of Goods or Services	1/31/1978	4646-117 (Expired)
4,792,968	Statistical Analysis System for Use With Public Communication Facility	12/20/1988	4646-101C
4,845,739	Telephonic-Interface Statistical Analysis System	7/4/1989	4646-101C2
4,930,150	Telephonic Interface Control System	5/29/1990	4646-108
4,932,046	Telephone Programming System for Automated Calling	6/5/1990	4646-124
4,939,773	Multiple Party Telephone Control System	7/3/1990	4646-119
4,975,945	Universal Telephone Call Relay System	12/4/1990	4646-122
4,987,590	Multiple Party Telephone Control System	1/22/1991	4646-119N

5,259,023	Telephonic-Interface Statistical Analysis System	11/2/1993	4646-101NB
5,297,197	Multiple Party Telephone Control System	3/22/1994	4646-119N4
5,349,633	Telephonic-Interface Game Control System	9/20/1994	4646-130N2
5,351,285	Multiple Format Telephonic Interface Control System	9/27/1994	4646-108CN

Pending Patent Applications

Serial No.	Title	Filing Date	Attorney Docket
07/335,923	Telephonic-Interface Statistical Analysis System	4/10/1989	4646-101N
07/640,337	Telephonic-Interface Statistical Analysis System	1/11/1991	4646-101N4
07/756,956	Telephonic-Interface Lottery System	9/9/1991	4646-101C3 (Allowed)
08/058,452	Voice-Data Telephonic Interface Control System	5/7/1993	4646-114C4 (Allowed)
08/073,585	Telephonic-Interface Game Control System	6/7/1993	4646-130N
08/132,062	Telephone Interface Call Processing System With Call Selectivity	10/4/1993	4646-114N1

REEL 133 FRAME 97

08/139,307	Telephonic-Interface Statistical Analysis System	10/18/1993	4646-101NC
not yet assigned	Telephonic-Interface Lottery System	9/13/1994	4646-101D4
not yet assigned	Multiple Format Telephonic Interface Control System	9/14/1994	4646-108N3
not yet assigned	Voice-Data Telephonic Interface Control System	9/14/1994	4646-114N5
not yet assigned	Telephonic-Interface Lottery System	9/14/1994	4646-101N5

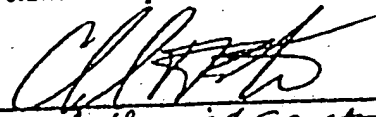
WHEREAS, FDR desires to contribute to the capital of RONALD A. KATZ TECHNOLOGY LICENSING, L.P., a California limited partnership ("PARTNERSHIP"), having a place of business at 9401 Wilshire Boulevard, Suite 800, Beverly Hills, California 90212, all rights of FDR in the ASSIGNED PATENT RIGHTS, subject to certain preexisting licenses;

NOW, THEREFORE, FDR by these presents does hereby contribute, assign, transfer and set over unto PARTNERSHIP, its successors and assigns, the entire and exclusive right, title and interest in and to all inventions in the United States and throughout the world (with priority rights) in and to the ASSIGNED PATENT RIGHTS, and in and to any continuations, continuations-in-part, divisions, reissues, extensions and foreign counterparts of the ASSIGNED PATENT RIGHTS, together with all claims for damages by reason of past infringement of any ASSIGNED PATENT RIGHTS, with the right to sue for and collect the same, but subject to all rights and licenses, exclusive and non-exclusive, which FDR has heretofore granted or agreed to grant under said ASSIGNED PATENT RIGHTS, and FDR further agrees to execute and have executed (to the extent possible) all papers and to perform all acts, without any further consideration and at the cost and expense of FDR, as deemed reasonably necessary to perfect in

PARTNERSHIP the foregoing rights, title and interests, including the execution of any related domestic or foreign application documents.

FDR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue the United States Letters Patents resulting from all the applications in the ASSIGNED PATENT RIGHTS to PARTNERSHIP, its successors and assigns.

FIRST DATA RESOURCES INC.,
a Delaware Corporation

By 
Its Authorized Signatory
Date September 17, 1994

0983146-041304
FOI 140 9452860

REEL 7133 FRAME 99

09-13/94

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703 308 703

PTO/STATUS BR.

002

Form PTO-1505
(Rev. 8-93)

OMB No. 0651-0011 (exp. 4/94)

RECORDATION FORM COVER SHEET
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE
Patent and Trademark

Tab settings 000

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

(1) Name of conveying party(ies):

FIRST DATA RESOURCES INC.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

(3) Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☒ Other

Execution Date: September 17, 1994

(2) Name and address of receiving party(ies)

Name: RONALD A. KATZ TECHNOLOGY LICENSING, L.P.

Internal Address:

Street Address: 9401 Wilshire Boulevard

Suite 800

City: Beverly Hills State: CA ZIP: 90212

Additional name(s) & address(es) attached? ☐ Yes ☒ No

(4) Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No.(s)

See attachment

B. Patent No.(s)

See attachment

Additional numbers attached? ☐ Yes ☒ No

(5) Name and address of party to whom correspondence concerning document should be mailed:

Name: Byde W. Clawson

Internal Address:

McCutchen, Doyle, Brown & Enersen

Street Address: 55 South Market Street

Suite 1500

City: San Jose State: CA ZIP: 95113

(6) Total number of applications and patents involved:

35

(7) Total fee (37 CFR 3.41):

1400.00

☒ Enclosed☐ Authorized to be charged to deposit account

(8) Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

170 KJ 09/27/94 4071698

DO NOT USE THIS SPACE

2 581 1,400.00 CR

(8) Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Byde W. Clawson

Name of Person Signing

Signature

Total number of pages including cover sheet, attachments, and document:

11

Date

ML

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 202319-23-94
91856513
91

ATTACHMENT TO RECORDATION FORM COVER SHEET

Conveying Party: First Data Resources Inc.
 Receiving Party: Ronald A. Katz Technology Licensing, L.P.
 Nature of Conveyance: Assignment

Continuation of Item 4

Issued Patents

UNITED STATES

Patent No.	Title	Issued	Attorney Docket
4,071,698	Telephone system for Audio Demonstration and Marketing of Goods or Services	1/31/1978	4646-117 (Expired)
4,792,968	Statistical Analysis System for Use With Public Communication Facility	12/20/1988	4646-101C
4,845,739	Telephonic-Interface Statistical Analysis System	7/4/1989	4646-101C2
4,930,150	Telephonic Interface Control System	5/29/1990	4646-108
4,932,046	Telephone Programming System for Automated Calling	6/5/1990	4646-124
4,939,773	Multiple Party Telephone Control System	7/3/1990	4646-119
4,975,945	Universal Telephone Call Relay System	12/4/1990	4646-122

REEL 7133 FRAM 091

4,987,590	Multiple Party Telephone Control System	1/22/1991	4646-119N
5,014,298	Voice-Data Telephonic Control System	5/7/1991	4646-114C2
5,016,270	Expanded Telephone Data Organization System	5/14/1991	4646-116
5,048,075	Telephonic-Interface Statistical Analysis System	9/10/1991	4646-101N3
5,073,929	Voice-Data Telephonic Control System	12/17/1991	4646-114
5,091,933	Multiple Party Telephone Control System	2/25/1992	4646-119N2
5,109,404	Telephone Call Processor With Select Call Routing	4/28/1992	4646-129
5,128,984	Telephone Interface Call Processing System With Call Selectivity	7/7/1992	4646-114C
5,185,787	Multiple Party Telephone Control System With Random Dialing for Polling	2/9/1993	4646-119N3
5,218,631	Telephonic-Interface Game Control System	6/8/1993	4646-130
5,224,153	Voice-Data Telephonic Interface Control System	6/29/1993	4646-114C3
5,251,252	Telephone Interface Call Processing System With Call Selectivity	10/5/1993	4646-114CN

REF 1133 FRMO 92

5,255,309	Telephonic-Interface Statistical Analysis System	10/19/1993	4646-101NA
5,259,023	Telephonic-Interface Statistical Analysis System	11/2/1993	4646-101NB
5,297,197	Multiple Party Telephone Control System	3/22/1994	4646-119N4
5,349,633	Telephonic-Interface Game Control System	9/20/1994	4646-130N2
5,351,285	Multiple Format Telephonic Interface Control System	9/27/1994	4646-108CN

Pending Patent Applications

UNITED STATES

Serial No.	Title	Filing Date	Attorney Docket
07/335,923	Telephonic-Interface Statistical Analysis System	4/10/1989	4646-101N
07/640,337	Telephonic-Interface Statistical Analysis System	1/11/1991	4646-101N4
07/756,956	Telephonic-Interface Lottery System	9/9/1991	4646-101C3 (Allowed)
08/058,452	Voice-Data Telephonic Interface Control System	5/7/1993	4646-114C4 (Allowed)
08/073,585	Telephonic-Interface Game Control System	6/7/1993	4646-130N

REEL 7133 FRAME 93

RECORDED
PATENT AND TRADEMARK
OFFICE

ALL PURPOSE ACKNOWLEDGMENT

STATE OF Colorado)

COUNTY OF Arapahoe)

On 9/17/94 before me, Martie Chadwick, Notary Public,
personally appeared Charles T. Fote
NAME(S) OF SIGNER(S)

☒ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be
the person(s) whose name(s) is/are subscribed
to the within instrument and acknowledged to
me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that
by his/her/their signature(s) on the instrument
the person(s), or the entity upon behalf of
which the person(s) acted, executed the
instrument.

Witness my hand and official seal.

Martie Chadwick
SIGNATURE OF NOTARY

SEP 26 1994 OPTIONAL SECTION
CAPACITY CLAIMED BY
SIGNER

Though statute does not require the Notary to fill in
the data below, doing so may prove invaluable to
persons relying on the document.

- ☐ INDIVIDUAL
☐ CORPORATE OFFICER(S)

TITLE(S)

- ☐ PARTNER(S) ☐ LIMITED
☐ GENERAL
☐ ATTORNEY-IN-FACT
☐ TRUSTEE(S)
☐ GUARDIAN/CONSERVATOR
☐ OTHER: _____

SIGNER IS REPRESENTING:
Name of Person(s) or Entity(ies)

THIS CERTIFICATE MUST BE ATTACHED TO
THE DOCUMENT DESCRIBED AT RIGHT:

Though the data requested here is not required by law, it could
prevent fraudulent attachment of this form.

OPTIONAL SECTION

Title of Type of Document _____
Number of Pages _____ Date of Document _____
Signer(s) Other Than Named Above _____

RECORDED
PATENT AND TRADEMARK
OFFICE

SEP 26 1994

REL 11 33 AM 100

08/132,062	Telephone Interface Call Processing System With Call Selectivity	10/4/1993	4646-114N1
08/139,307	Telephonic-Interface Statistical Analysis System	10/18/1993	4646-101NC
not yet assigned	Telephonic-Interface Lottery System	9/13/1994	4646-101D4
not yet assigned	Multiple Format Telephonic Interface Control System	9/14/1994	4646-108N3
not yet assigned	Voice-Data Telephonic Interface Control System	9/14/1994	4646-114N5
not yet assigned	Telephonic-Interface Lottery System	9/14/1994	4646-101N5

REEL 133 FRAME 94